IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (previously presented) A wireless piconet device, comprising:

a piconet front end;

a piconet connection acceptable quality determiner; and

a variable user link acceptable quality indicator to indicate an amount of quality achieved beyond that of an acceptable level necessary to establish a presence in a piconet network, said acceptable level being configurable by a user of said wireless piconet device;

wherein said piconet connection acceptable quality determiner determines a condition of an acceptable level at least one aspect relating to a quality of connection achieved through said piconet front end determined by comparing a determined link quality through said piconet front end and a minimum link quality threshold, and activates said variable user link acceptable quality indicator based on a quality of said condition above said acceptable level.

2. (original) The wireless piconet device according to claim 1, wherein:

said piconet front end conforms to BLUETOOTH standards.

3. (previously presented) The wireless piconet device according to claim 1, wherein:

said variable user link acceptable quality indicator indicates audibly.

4. (previously presented) The wireless piconet device according to claim 1, wherein:

said variable user link acceptable quality indicator indicates visibly.

5. (previously presented) The wireless piconet device according to claim 4, wherein said visible variable user link acceptable quality indicator comprises:

an LED.

6. (previously presented) The wireless piconet device according to claim 4, wherein said visible variable user link acceptable quality indicator comprises:

a graphical display.

7. (previously presented) A method of optimizing link quality of a wireless piconet device to a user, comprising:

firstly determining an acceptable level of at least one aspect of a digital link quality of a wireless digital connection to a short range network, said acceptable level being configurable by a user of said wireless piconet device;

providing a first indication of compliance to said acceptable level necessary to establish a presence in a piconet network of said at least one aspect of said digital link quality, to said user; and

providing an indication of an amount of quality achieved above said compliance to said acceptable level;

wherein said acceptable level of said at least one aspect is determined by comparing said digital link quality and a minimum digital link quality threshold; and

said amount of quality achieved above said compliance to said acceptable level is determined by an amount said digital link quality exceeds said minimum digital link quality threshold.

8. (previously presented) The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, further comprising:

allowing said user to physically move said wireless piconet device; and

secondly determining said acceptable level of said at least one aspect of said digital link quality.

9. (previously presented) The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, wherein said firstly determining comprises:

generating a Read_RSSI command; and

retrieving an RSSI value returned in response to said generated Read_RSSI command.

10. (previously presented) The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, wherein said firstly determining comprises:

generating a Get_Link_Quality command; and

retrieving a digital link quality value returned in response to said generated Get_Link_Quality command.

11. (original) The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, wherein:

said wireless connection is a piconet connection.

12. (original) The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, wherein:

said wireless connection is a scatternet connection.

13. (original) The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, wherein:

said indication is audible.

14. (original) The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, wherein:

said indication is visible.

15. (canceled)

16. (previously presented) Apparatus for optimizing link quality of a wireless piconet device to a user, comprising:

means for firstly determining an acceptable level of at least one aspect of a digital link quality of a wireless digital connection to a short range network, said acceptable level being configurable by a user of said wireless piconet device;

means for providing a first indication of compliance to said acceptable level necessary to establish a presence in a piconet network of said at least one aspect of said digital link quality, to said user; and

means for providing an indication of an amount of quality achieved above said compliance to said acceptable level;

wherein said acceptable level of said at least one aspect is determined by comparing said digital link quality and a minimum digital link quality threshold; and

said amount of quality achieved above said compliance to said acceptable level is determined by an amount said digital link quality exceeds said minimum digital link quality threshold.

17. (previously presented) The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, further comprising:

means for allowing said user to physically move said wireless piconet device; and

means for secondly determining said acceptable level of said at least one aspect of said digital link quality.

18. (previously presented) The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, wherein said means for firstly determining comprises:

means for generating a Read_RSSI command; and

means for retrieving an RSSI value returned in response to said generated Read_RSSI command.

19. (previously presented) The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, wherein said means for firstly determining comprises:

means for generating a Get_Link_Quality command; and

means for retrieving a digital link quality value returned in response to said generated Get_Link_Quality command.

20. (original) The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, wherein:

said wireless connection is a piconet connection.

21. (original) The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, wherein:

said wireless connection is a scatternet connection.

22. (original) The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, wherein:

said indication is audible.

23. (original) The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, wherein:

said indication is visible.

24. (canceled)